

REMARKS/ARGUMENTS

In response to the Examiner's Office Action of April 6, 2006 the Applicant respectfully submits the accompanying Terminal Disclaimer, Amendment to the specification and claims and the below Remarks.

Regarding Amendment

In the Amendment:

the specification has been amended to delete erroneous information in the Brief Description of Drawings. The Applicants submit that no new figures or new material is added to the specification. The amendments are introduced in order to correct typographical errors. Furthermore, in relation to the figures the Applicants submit that none of the figures were omitted at the time of filing the specification, rather the Brief Description of Drawings included typographical errors when describing the figures. The only minor amendment introduced to the figures is the relocation and re-numbering of Figure 413 in order for the specification to comply with 37 CFR 1.84(u). The drawing pages 237 and 331 showing these amendments are enclosed.

Figure 63A was filed with the present application, but a brief description of this figure was erroneously not included in the Brief Description of the Drawings. The Applicants have added a suitable brief description of this drawing, which is extracted directly from the title of Section 15.4.2 on Page 199 and therefore no new matter has been introduced into the specification by introducing the description of Figure 63A.

Similarly, Figure 66 was filed with the present application. However, the brief description of this figure was erroneously omitted from the Brief Description of the Drawings on Page 10. The brief description of Figure 66, namely "is a schematic of a timing pulse generator," is extracted directly from the existing text in the specification. In particular the text is the title of Section 15.4.5. Therefore, the Applicants respectfully submit that this amendment does not add new matter to the specification.

A further amendment is introduced on page 16 whereby the brief description of Figure 278 has been amended to read "Figure 278 shows power on reset". This amendment was introduced in order to comply with 37 CFR 1.84(u): *"Numbering of views. (1) The*

different views must be numbered in consecutive Arabic numerals, starting with 1, independent of the numbering of the sheets and, if possible, in the order in which they appear on the drawing sheet(s)." Figure 278 and its brief description are original Figure 413 and its brief description, respectively. The Applicants have re-numbered figure 413 as Figure 278 and amended the Brief Description of Drawings accordingly to comply with 37 CFR 1.84(u).

In the claims, dependent claims 2-5 are amended to replace "An integrated circuit" with --The integrated circuit-- as required by the Examiner; and independent claim 1 is unchanged.

It is respectfully submitted that the above amendments do not add new matter to the present application.

Regarding Drawings

It is respectfully submitted that the every feature of the subject matter of the claimed invention of pending claims 1-5 is shown in at least Figures 389, 290, 409 and 410 of the present application.

Regarding 35 USC 112, second paragraph Rejections

Regarding Specification

It is respectfully submitted that the antecedent basis for all the claimed elements of the claimed invention of pending claims 1-5 is found, for example, at page 656, lines 5-10, page 936, lines 29-36, page 957, lines 17-21, page 962, line 6-page 963, line 35, page 965, lines 11-18, page 966, lines 14-25 and page 1010, line 13-page 1029, line 13 of the present specification.

Regarding Claims 2-5

It is respectfully submitted that the above-described amendment of claims 2-5 to replace "An integrated circuit" with --The integrated circuit--, provides the change required by the Examiner

Regarding Non-Statutory Double Patenting Rejections

With respect to the Examiner's provisional non-statutory double patenting rejections of pending claims 1, 2 and 4 over claims 1 and 2 of US Patent Application No. 10/727,238, the Applicant submits herewith a Terminal Disclaimer in compliance with 37 C.F.R. 1.321(c); the present application and US Patent Application No. 10/727,238 being commonly owned by the Applicant.

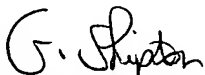
Regarding 35 USC 103(a) Rejections

The Examiner is respectfully requested to withdraw the rejections of claims 1-5 over Walmsley (US 2004/0236961) in view of Muller (US 4,644,494), because Walmsley is applicable only as a 35 USC 102(e) reference against the present application and is assigned to the present assignee, such that it is not further applicable as a reference against the present application under 35 USC 103(c).

It is respectfully submitted that all of the Examiner's objections and rejections have been traversed. Accordingly, it is submitted that the present application is in condition for allowance and reconsideration of the present application is respectfully requested.

Very respectfully,

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Amendments to the Drawings:

Please delete Figure 413 on page 331 of the drawings and insert Figure 278 on page 237 of the drawings.